

Monthly Divisional Report
New Jersey State Highway Department
September 1960

NJ
HE
356
N5
M65
1960-09
C.1

MONTHLY DIVISIONAL REPORT

Month of September 19 60

Division: Accounting and Administrative Services

Bureau: Administration
Bureau of Auditing & AccountingCONTRACTS

Bids received on five (5) projects and necessary reports and certificates of award prepared. Six (6) contracts awarded; contracts prepared and forwarded for execution. Execution of five (5) contracts completed. Eleven (11) projects advertised for bids. One hundred seventy-six (176) sets of plans and supplementary specifications distributed.

SCHEDULES OF APPROVALS

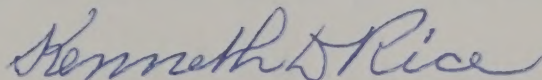
Four (4) Schedules prepared listing a total of three hundred five (305) items; which by a combination of items where possible represents action on four hundred fourteen (414) individual items. Official copies of Schedules signed by the Commissioner, placed in Minute Book and indexed. Schedules of Approvals distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL

- 23 Standard Specifications issued
- 3 Deposits made for transmittal of income
- 4 Traffic Regulations certified to Division of Motor Vehicles
- 95 Property Agreements attested and processed
- 9 Agreements attested and processed
- 57 Municipal Aid contracts, applications, agreements, transfers, etc. certified
- 14 General Releases executed
- 4 Deeds of Conveyance acknowledged and processed
- 3 Utility Orders attested and processed
- 1 Lease Agreement executed
- 1 Equipment Rental Agreement executed

General correspondence, filing and answering telephone inquiries.

Receiving and reading bids at four lettings.



Kenneth D. Rice
Secretary

NT
HE
356
NS
m65
1960-09
C.1

MONTHLY DIVISIONAL REPORT

Month of September 19 60

Division: Accounting & Administrative Services

Bureau: Office of the Comptroller
Bureau of Auditing & Accounting

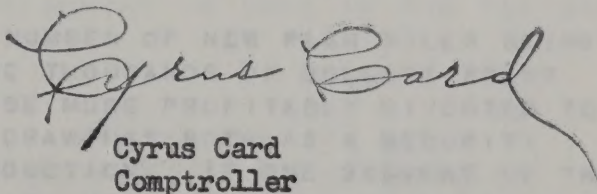
The Comptroller attended the IBM Customer Executive Program classes conducted at Endicott, New York.

The Comptroller attended Task Force and other intra-departmental committee meetings.

A conference was held on September 26, 1960 with representatives of the Associated General Contractors to discuss some of the problems encountered in the proper preparation of our Contractor's Financial and Equipment Statements. In attendance were Messrs. Clifford Chapman, president of J. R. Chapman & Sons Inc., Charles Hollnbach, president of Franklin Contracting Company; Henry Dorer, president of Ell-Dorer Contracting Company; James H. Driscoll, General Manager, Associated General Contractors and the Contractor's Classification Officer of the Department, Mr. John Kilpatrick. The feasibility of utilizing several of the items discussed at this meeting is being investigated.

In the Bureau of Auditing & Accounting, approximately 3288 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills.

Warrants were drawn for 16 County & Municipal Aid payments amounting to \$179,463.93. Funds were certified on Contracts, Price Agreements, Transfer Forms, etc.


Cyrus Card
Comptroller

NAIL ROOM

WORK FOR THE MONTH OF SEPTEMBER WAS QUITE ROUTINE. THERE WAS BEEN, HOWEVER, AN INCREASE IN THE AMOUNT OF PLANS GOING TO CONTRACTORS. QUITE LARGE ROLLS, I MIGHT ADD, REQUIRING THE EXPENDING OF OVER \$100.00 IN POSTAGE.

WE ARE STILL RECEIVING REQUESTS FOR MAPS THOUGH THE SINGLE REQUESTS HAVE DIMINISHED CONSIDERABLE. BY DISTRIBUTING THOUSANDS OF THEM AT THE N. J. STATE FAIR, I AM SURE WE SATISFIED QUITE A FEW DEMANDS FOR THEM SAVING US QUITE A SUM IN POSTAGE.

MONTHLY DIVISIONAL REPORT

Month of September 1960

Division: Accounting & Administrative Services
 Bureau: Office of the Comptroller
 Bureau of Auditing & Accounting

The Comptroller attended the IBM Customer Executive Program classes conducted at Radcott, New York.

The Comptroller attended Task Force and other inter-departmental committee meetings.

A conference was held on September 20, 1960 with representatives of the Associated General Contractors to discuss some of the problems encountered in the proper preparation of our Contractor's Financial and Equipment Statements. In attendance were Messrs. Clifford Chapman, President of J. R. Chapman & Sons Inc., Charles Holbach, President of Franklin Contracting Company; Henry Dorer, President of Ell-Dorer Contracting Company; James H. Driscoll, General Manager, Associated General Contractors and the Contractor's Classification Officer of the Department, Mr. John Kilpatrick. The feasibility of utilizing several of the items discussed at this meeting is being investigated.

In the Bureau of Auditing & Accounting, approximately 3288 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills.

Warrants were drawn for 10 County & Municipal Aid payments amounting to \$179,463.93. Funds were certified on Contracts, Price Agreements, Transfer Forms, etc.

Cyrus Card
 Comptroller

MONTHLY DIVISIONAL REPORT

Month of SEPTEMBER 1960

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

OFFICE SERVICES

THERE HAS BEEN A NOTICEABLE INCREASE IN REQUESTS FOR ADDITIONAL DESKS, CHAIRS AND TYPEWRITERS WHICH WERE NOT REQUESTED IN THE 1960-61 BUDGET. IT IS IMPOSSIBLE TO FILL ALL THESE REQUESTS AS WE DO NOT HAVE THE SURPLUS EQUIPMENT. ONLY FOR THE FACT THAT WE SECURED ADDITIONAL DESKS AND CHAIRS FROM GOVERNMENT SURPLUS WE WOULD NOT HAVE BEEN ABLE TO TAKE CARE OF AS MANY PEOPLE AS WE DID. THIS ALSO SAVED US A GREAT DEAL OF MONEY AS THIS GOVERNMENT SURPLUS WAS GIVEN TO US WITHOUT CHARGE.

I WISH TO MENTION AT THIS TIME THAT SOME OFFICES WERE RELOCATED DURING THE MONTH AND IT BROUGHT TO OUR ATTENTION DURING A SURVEY OF THE BUILDING THAT OFFICE SPACE IS AT A MINIMUM AND THAT WE HAVE VERY LITTLE LEFT FOR EXPANSION PURPOSES. SURVEYS ARE NOW BEING CARRIED ON IN REGARDS TO OFFICE FURNITURE AND EQUIPMENT FOR OUR 1961-62 BUDGET. ADDITIONAL SURVEYS ARE NECESSARY IN OUR DISTRICT AND FIELD OFFICES.

FILES & RECORDS

IN THE LATTER PART OF THE MONTH THE TEMPERATURE COOLED SUFFICIENTLY FOR US TO SWEEP AND CLEAN THE RECORDS BUILDING AND TO START WORK ON SORTING, INDEXING AND BOXING THE LARGE VOLUME OF OLD BRIDGE DIVISION FILES THAT WERE MOVED FROM THE BASEMENT OF THE OFFICE BUILDING. DURING THIS PROCESS ALL RECORDS AUTHORIZED BY THE STATE RECORDS COMMITTEE FOR DESTRUCTION ARE WEEDED OUT AND SENT TO THE INCENERATOR FOR BURNING.

WE HAVE ALSO NOTED THE LARGE NUMBER OF NEW PLAN FILES BEING DELIVERED AND WONDERED WHY THE THOUSANDS OF DOLLARS SPENT EACH YEAR ON THESE COULD NOT BE MORE PROFITABLY DIVERTED TO MICROFILMING THE ENGINEERING DRAWINGS BOTH AS A SECURITY PROJECT AND ALSO FOR SPACE REDUCTION. IF ONE SEGMENT OF THESE PLAN FILES WERE MICROFILMED EACH YEAR THERE WOULD BE NO FURTHER NEED FOR THE PURCHASE OF THESE PLAN FILES AND THE SAVINGS IN OFFICE SPACE WOULD BE OF CONSIDERABLE VALUE. WITH EQUIPMENT NOW AVAILABLE FOR THE INSTANT REPRODUCTION OF FULL SIZE DRAWINGS THE GREAT STUMBLING BLOCK TO HAVING THESE ON FILM HAS BEEN REMOVED.

MAIL ROOM

WORK FOR THE MONTH OF SEPTEMBER WAS QUITE ROUTINE. THERE HAS BEEN, HOWEVER, AN INCREASE IN THE AMOUNT OF PLANS GOING TO CONTRACTORS. QUITE LARGE ROLLS, I MIGHT ADD, REQUIRING THE EXPENDING OF OVER \$100.00 IN POSTAGE.

WE ARE STILL RECEIVING REQUESTS FOR MAPS THOUGH THE SINGLE REQUESTS HAVE DIMINISHED CONSIDERABLE. BY DISTRIBUTING THOUSANDS OF THEM AT THE N. J. STATE FAIR, I AM SURE WE SATISFIED QUITE A FEW DEMANDS FOR THEM SAVING US QUITE A SUM IN POSTAGE.

MONTHLY DIVISIONAL REPORT

Month of SEPTEMBER 1960

Division: ACCOUNTING AND ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

MAIL ROOM (CONTINUED)

INCOMING MAIL HAS BEEN HEAVY AND SO HAS THE PARCEL POST PACKAGES. WE ARE NOW MAKING AN EXTRA STOP TO GET THE PARCELS. WE HAVE TO GO TO A SEPARATE BUILDING IN THE REAR OF THE MAIN POST OFFICE BUILDING.

During 1960, the Purchases and Stores Bureau received a great number of order requests from the various Divisions. THE BUREAU OF PUBLIC RELATIONS AND OUR DIVISION OF STATE AID HAVE KEPT US BUSY WITH OUTGOING MAIL, ALONG WITH THE VARIOUS BUREAUS.

Our summer employee, LOIS DUKE, HAS LEFT US TO RESUME HER STUDIES. WE ENJOYED HAVING HER WORK WITH US, AND HOPE SHE CAN BE BACK WITH US NEXT SUMMER.

DUPLICATING SECTION

TWO NEW PIECES OF EQUIPMENT WERE RECEIVED IN THE DUPLICATING SECTION DURING THE PAST MONTH. THESE INCLUDED A THERMO-FAX AND AN ELECTRIC JOGGER.

THE THERMO-FAX ENABLES US TO MAKE SINGLE DUPLICATE COPIES FASTER AND MORE ECONOMICALLY.

DUE TO THE NEED OF MEETING A DEADLINE IN THE REPRODUCTION OF SUPPLEMENTAL SPECIFICATIONS IT WAS NECESSARY TO PUT IN SOME OVERTIME WORK.

THE WORK LOAD IS INCREASING STEADILY AND AS A RESULT WE ARE NOW APPROXIMATELY THREE MONTHS BEHIND IN SOME OF OUR ASSIGNMENTS.

C. H. H. H. H.
Supervisor, Purchases and Stores

MONTHLY DIVISIONAL REPORT

Month of SEPTEMBER, 19 60,

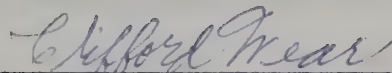
Division: Accounting and Administrative Services

Bureau: Purchase and Stores

During the month of September, 1960, the Purchase and Stores Bureau received a great number of order requests from the various Divisions and Bureaus in the Department and processed Detailed Applications and forwarded them to the Division of Purchase and Property covering considerable material and equipment to be procured for the Highway Department.

Bids were received by the Division of Purchase and Property covering the purchase of 60,000 pounds of Aluminum for sign work in the Maintenance Bureau. The bids were forwarded to this Department and a recommendation for the award of contract was returned to them but an order has not been forthcoming.

Interviewed 35 salesmen representing various concerns during the month and attended 12 meetings regarding departmental matters and purchases.



Supervisor, Purchase and Stores

...the ...
...the ...
...the ...
...the ...

...the ...
...the ...
...the ...
...the ...

...the ...
...the ...
...the ...
...the ...

...the ...
...the ...
...the ...
...the ...

MONTHLY DIVISIONAL REPORT

Month of September 19 60

Division: Bridge

Bureau: Bridges Under Construction

Sheet 1 of 2% OF COMPLETIONRts. US1:

<u>Sec. 6A</u>	U.P. Milltown Road, New Brunswick Twp., Middlesex Co.	60
----------------	---	----

Rt. US1&9:

<u>Sec. 1& 2</u>	Ramp Revisions, Jersey City, Hudson County	93
----------------------	--	----

Rt. 3:

<u>Sec. 4A</u>	Repair to Header at Lincoln Tunnel Approach, North Bergen Twp., Hudson County	1
----------------	---	---

Rt. 15:

<u>Sec. 1</u>	Burnt Meadow Brook Bridge, Rockaway & Wharton, Morris Co.	100
---------------	---	-----

Rt. 18:

<u>Sec. 2</u>	2 O.P., 2 Walls, New Brunswick, Middlesex County	100
---------------	--	-----

<u>Sec. 5</u>	O.P. at Rt. US9, Madison Twp., Middlesex Co.	100
---------------	--	-----

Rt. 20:

<u>Sec. 4A</u>	U.P. at Ramp B, Paterson, Passaic County	65
----------------	--	----

Rt. 21:

<u>Sec. 1C</u>	14 Structures, Nutley & Clifton, Essex-Passaic Counties	66
----------------	---	----

Rt. US22, Sec. 13A

4, Sec. 2A

US46, Sec. 15A

4 Pedestrian O.P., 1 Stairs, Boros of Mountainside, Paramus, Hasbrouck Heights, Union & Bergen Counties	93
---	----

Rt. 28:

<u>Sec. 1A&7A</u>	LVRB Bridge at Westfield Ave., Roselle Park, Union Co.	33
-----------------------	--	----

Rt. US30:

2 Pedestrian O.P. at 16th St. & Rodman Ave., Camden & Pennsauken Twps., Camden County	84
---	----

Rt. 35:

<u>Sec. 12B</u>	LVRB Bridges (Main & Spur Lines), City of Perth Amboy & Woodbridge Twp., Middlesex County	84
-----------------	---	----

<u>Sec. 6A&4A</u>	Culvert at Eatontown, Monmouth County	65
-----------------------	---------------------------------------	----

Rt. US40:

<u>Sec. 29</u>	Game Creek Bridge, Upper Penns Neck Twp., Salem County	0
----------------	--	---

Rt. 78F

<u>Sec. 2E</u>	5 Structures, Bloomsbury, Beth. & Union Twps., Hunterdon Co.	97
----------------	--	----

<u>Sec. 2F</u>	2 O.P. at CRR & LVRB, Bloomsbury & Beth. Twps., " "	98
----------------	---	----

Sec. 24. 2 O.P. at Oak & Linn, Bloomington & Union Twp., Harrison Co.
Sec. 25. 2 Structures, Bloomington, Beth & Union Twp., Harrison Co.
Mt. 784

Sec. 26. 2 Game Creek Bridge, Upper Penns Neck Twp., Adams County
Mt. 785
Sec. 198. 198 Linn's Bridges (main & spur lines), City of North Liberty
Mt. 786
Sec. 27. 2 Pedestrian O.P. at Linn St. & Modern Ave., Union Co.
Sec. 28. 2 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.

Sec. 199. 199 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 787
Sec. 200. 200 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 788
Sec. 201. 201 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 789
Sec. 202. 202 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 790
Sec. 203. 203 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 791
Sec. 204. 204 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 792
Sec. 205. 205 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 793
Sec. 206. 206 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 794
Sec. 207. 207 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 795
Sec. 208. 208 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 796
Sec. 209. 209 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 797
Sec. 210. 210 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 798
Sec. 211. 211 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 799
Sec. 212. 212 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.
Mt. 800

Sec. 10. 10 Structures, Nutley & Clifton, Essex-Exeter Counties
Mt. 21
Sec. 11. 11 U.P. at Essex, Exeter, Essex County
Mt. 22

Sec. 12. 12 O.P. at Mt. Union, Harrison Twp., Middlesex Co.
Sec. 13. 13 O.P., 2 Mills, New Brunswick, Middlesex County

Sec. 14. 14 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.

Sec. 15. 15 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.

Sec. 16. 16 Linn's Bridge at Westfield Ave., Rosalie Twp., Union Co.

MONTHLY DIVISIONAL REPORT

MONTH OF SEPTEMBER, 1960

Division: Bridge

Bureau: Bridges Under Construction Sheet 2 of 2

% OF COMPLETION

<u>Rt. 80:</u>		
<u>Sec. 2E</u>	10 Brs., Netcong & Roxbury, Morris County	89
<u>Sec. 4A</u>	Bridge over Rt. 20, Passaic River & Slaughterdam Road, Paterson & E. Paterson, Passaic-Bergen Counties.	98
<u>Sec. 2J</u>	4 Structures, Denville Twp., Morris County	0
<u>Rt. 82:</u>		
<u>Sec. 1A</u>	LVRB Bridge at Morris Ave., Union Twp., Union County	86
<u>Rt. 95:</u>		
<u>Sec. 1D</u>	2 O.P. at Broad Ave. & Grand Ave., Flat Rock Brook Cul- vert & Flume, City of Englewood & Leonia Twps., Bergen Co.	11
<u>Rts. 129 & 29:</u>		
<u>Sec. 1A&15A:</u>	8 Structures, Ewing & Hopewell Twps., Mercer County	87
<u>Rt. US130:</u>		
<u>Sec. 7A&8B</u>	3 Bridges, Pennsauken & Cinnaminson Twps., Camden & Burlington Counties	73
<u>Rt. 169:</u>		
<u>Sec. 1</u>	3 Bridges, Bayonne & Jersey City, Hudson County	91
<u>Rt. 202:</u>		
<u>Sec. 8A</u>	6 Bridges, Raritan, Readington & Branchburg Twps., Hunterdon & Somerset Counties	18
<u>Rt. 208:</u>		
<u>Sec. 2A, 1A, 3B</u>	4 U.P., 1 Culvert, Franklin & Hawthorne Boros, Wyckoff Twp., Bergen & Passaic Counties	93
<u>Sec. 3</u>	Pedestrian O.P. at Ethel Ave., Boros of Hawthorne, Glen Rock, Fair Lawn, Passaic & Bergen Counties	99
<u>Rt. 287:</u>		
<u>Sec. 1B</u>	9 Bridges, Bridgewater Twp., Somerset County	84
<u>Sec. 1C&2B</u>	7 Bridges, Franklin & Piscataway Twps., Somerset-Middlesex Co.	96
<u>Rt. 295:</u>		
<u>Sec. 1C</u>	9 Structures, Deptford & Westville, Camden-Gloucester Cos.	94
<u>Sec. 1D</u>	4 Structures, Westville Boro, Camden-Gloucester Counties	90

Redecking 4 Bridges:

Rt. 36, Sec. 3A	Shrewsbury R.Br., Highland Boro, Monmouth Co.	
Rt. 47, Sec. 8A&9A	Manantico Cr.Br., Millville, Cumberland Co.	
Rt. 49, Sec. 3A&4A	Alloways Cr.Br., Quinton Twp., Salem Co.	
Rt. 130, Sec. 1A&6A	Big Timber Cr.Br., Brooklawn-Westville Twps., Camden & Gloucester Counties	27

MONTHLY DIVISIONAL REPORT

Month of September 19 60

Division: Bridge

Bureau: Design Section

Sheet 1 of 3

Rt. US1 Underpass at Woodbridge Avenue:
Sec. Plans being prepared.

US1-9-46 Pedestrian Overpass at Washington Terrace:
Sec. 10 Plans being prepared. Held up.

Rt. 3 Hackensack River Bridge (Redecking):
Sec. Plans being prepared.

Rt. 3 Hackensack River Bridge:
Sec. 2 Plans being prepared by Hardesty & Hanover.

Rt. 4 Pedestrian Bridge at Grand Avenue:
Sec. 4 Plans being prepared. Held up.

Rt. 10 Canoe Brook Bridge:
Sec. 4B&5A Bids received 9/22/60. Awarded to PT&L Constr.Co., low bidder, 9/29/60.

Rt. 13 Lovelandtown Bridge Extension:
Sec. 1 Plans complete. Awaiting Roadway approach plans.

Rt. 17 Underpass at East Ridgewood Avenue:
Sec. 7 Plans and specifications complete.

Rt. 18 SB Bridge over Raritan River Railroad:
Sec. Plans being prepared.

Rt.US22 Liberty Avenue Viaduct Widening:
Sec. Plans and specifications complete.

Rt.US22 Underpass at Relocated Mountain Avenue:
Sec. Plans and specifications complete.

Rt. 28 Bridges over Green Brook and Bound Brook:
Sec. 3A&4A Advertised for bids to be received October 6, 1960.

Rt. 50 Cedar Swamp Creek:
Sec. Plans being prepared.

Rt. 54 Culvert at Station 616+88:
1A,2A,3A Plans complete. Preparing specifications.

Rt. 78 Six Bridges:
Sec. 2G Plans and specifications completed by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 78 14 Bridges:
Sec. 4 Plans being prepared by DeLeuw, Cather & Brill.

MONTHLY DIVISIONAL REPORT

Month of September 1960

Division: Bridge

Bureau: Design Section

Sheet 2 of 3

Rt. 80 Bergen-Passaic Expressway:
Sec. 4 Plans being prepared by Fay, Spofford & Thorndike.

Rt. 80 Bergen-Passaic Expressway:
Sec. 5 Plans being prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 95-80 Interchange - 6 Structures:
Interch. Plans being prepared by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 95 Bergen-Passaic Expressway:
Sec. 1G Plans and specs. completed by Parsons, Brinckerhoff, Quade & Douglas.

Rt. 95 Bergen-Passaic Expressway - U.P. at Edgewood Ave.:
Sec. 1E P.S.&E. sent to Bureau of Public Roads 8/25/60.

Rt. 130 Three Culvert Extensions:
Sec. 7B&10B Plans and specifications prepared by John Reutter & Associates.

Rt. 130 Underpass at Federal Street:
Sec. Plans being prepared.

Rt. 168 Culvert at Station 112+50, Black Horse Pike:
Sec. Plans complete except for quantities.

Rt. 130 Rt. 206 NB over Rt. 130 SB & Rt. 206SB over Rt. 130NB:
Sec. Plans being prepared.

Rt. 208 Overpass at N.Y.S.&W.R.R.:
Sec. 2C Plans and specs. completed. Submitted to B.P.R. for approval.

Rt. 208 Six Structures:
Sec. 4 Reviewing plans prepared by Goodkind & O'Dea.

Rt. 287 6 Structures- East of River Rd Interchange to Stelton Rd:
Sec. 2C Bids received 9/8/60. Awarded 9/22/60 to Poirier & McLane Corp., low bidder.

Rt. 287 14 Structures (East of Stelton Road):
Sec 3A&3B Plans being revised by Madigan-Hyland.

Rt. 287 5 Structures:
Sec. 4 Plans being prepared by Goodkind & O'Dea.

Rt. 287 4 Structures:
Sec. 4A Plans being prepared by Madigan-Hyland.

Rt. 295 7 Structures:
Sec. 2E Reviewing plans prepared by Sherman, Taylor & Sleeper.

Rt. 295 5 Structures:
Sec. 2F Reviewing plans prepared by Sherman, Taylor & Sleeper.

Division: Bridge

Section: Design Section

Sheet 3 of 3

At. 00122
Side (marked 0/11/00). Answered to South Street, No. 1, low bridge.
2/11/00.

At. 00123
Preservation plans for installing chain link fence on stairways.
2/11/00.

At. 00124
Preservation plans for installing chain link fence on highway.
2/11/00.

SECTION 1001
General Bridge over Highway No. 1, Highway 1001.
Plans being prepared.

MONTHLY DIVISIONAL REPORT

Month of September

1960

Division: Maintenance and Operations

Bureau: Electrical Operations

OPERATION

31 movable bridges, full time; 7 on 24 hour notice.

MAINTENANCE

1,022 traffic signals, 5 lane control systems, 886 illuminated signs, 38 movable bridges, 237 mobile radio units, 10 base stations.
Replacement, equipment knocked down, 29 locations.

CONSTRUCTION BY BUREAU FORCES

14 new traffic signals; 12 completed, 2 partially completed.
11 traffic signal revisions; 4 completed, 7 under reconstruction.

CONSTRUCTION BY CONTRACT

Highway lighting, Route I-287, Sections 1D & 2D, bids received
September 29, 1960
Highway lighting, Route I-295, 49.24% complete
Traffic signals and lighting, Routes US130 and 38, 87% complete.
Underground ducts, Route US1 & 9, North Avenue - Elizabeth City Line, 88% complete.

DESIGN BY BUREAU FORCES

Highway lighting, Route I-80, Howard Boulevard to Route 46, 5% complete.
Highway lighting, Scudders Falls Bridge Approach, 50% complete.
Highway lighting, Route I-295, Copley Road - Route US130, 80% complete.
Highway lighting, 10 installations designed for road construction.
Traffic signals, 9, 100% completed.
11 field surveys and drawings for Bureau of Planning and Traffic.

DESIGN BY CONSULTANTS

Highway lighting, Route I-287, River Road - Route US130, 35% complete.
Highway lighting, Route I-80 and I-85, Parkway to George Washington Bridge, 50% complete.
Highway lighting, Route I-80, West of Parkway, 73.4% complete.

INSPECTION

30 PUO relocations; 6 FAS projects; electrical work in 35 road construction projects, 4 prime electrical contracts.

NEGOTIATIONS

6 traffic signals under negotiation, 1 completed. 5 field inspections and contacts with local officials, 5 on signals.

CLAIMS

Payments received \$11,799.47
Property damage claims set up 18
Traffic signal cost-sharing claims set up 6
Work orders issued resulting in claims 36

MONTHLY DIVISIONAL REPORT

Month of September

19 60

Division: Maintenance and Operations

Bureau: Maintenance

BRIDGE SECTION

Completed concrete repairs to Route 30 Overpass at Berlin, Central Railroad Overpass on Route 70 at Upton, Luppaccong Creek Bridge on Route 35 at Keyport and Culvers Brook Bridge on Route 206 at Mt. Pisgah, and steel grid repairs at Rancocas Creek on Route 130 at Bridgeboro and Cheesequake Creek on Route 35 at Morgan. Allied Chemical Company, with assistance of Bureau forces, installed without cost an experimental installation of urethane foam to the underside of the bridge deck of the Pittstown Road Overpass on Route 78 at Clinton. The insulation was installed in the eastbound roadway only, in order that a comparison may be made as to freezing and thawing temperatures on the insulated and uninsulated decks of the bridge. J. I. Hass Company, Inc. has completed approximately 95% of the work under its contract for painting the remaining portion of the Pulaski Skyway. Department forces completed the painting of the Pennsylvania-Reading Seashore Line Bridge on Route 45 at Woodstown, Mantua Creek Bridge on Route 45 at Woodstown, Majors Run and Colliers Run Bridges on Route 45 at Welchtown, Salem Canal Bridge on Route 130 at Deepwater and the Plant Street Overpass on Route 295 at Deepwater.

INSPECTION OF COMPLETED CONSTRUCTION PROJECTS

Inspected five construction projects preliminary to acceptance by the Bureau. Found three (Routes 9, 35, 37 and 88, Drainage; Route 208, Section 2, Grading, Drainage and Paving; and Route 78, Section 2E, Grading and Drainage, Semi-Final) to be in satisfactory condition for acceptance, and two (Route 206, Section 22A, Drainage and Resurfacing; and Route 17, Section 3, Overpass, Grading, Drainage and Paving) to require corrective measures.

LANDSCAPE SECTION

Considerable damage resulted from Hurricane Donna and the landscape forces were engaged in cleaning up operations, including the removal of 103 trees and numerous hanging limbs. Erected exhibit at New Jersey State Fair. Transplanted trees and shrubs for new approach road to Phillipsburg Bridge and entrance to Garden State Race Track, and prepared areas for planting Rosa Multiflora to serve as living snow fence.

CONSTRUCTION AND MAJOR MAINTENANCE PROJECTS

Completed miscellaneous construction projects totaling approximately \$4,000.00, including construction of telephone booths on Route 18 in Madison Township, and drainage improvement on Route 206, South Broad Street, Trenton, and institutional construction projects totaling approximately \$17,300.00, including construction of roads at Stokes State Forest. Completed resurfacing on four sections of highway in District #2, two sections in District #3, and three sections in District #4, and surface treatment on four sections in District #1, two sections in District #3, and three sections in District #4. Approximately 60% of work completed on construction of Left Turn Slots and Island Closing on Route 70 at the Garden State Race Track. Resealing with hot-poured rubber-asphalt continuing on Route 46 in Caldwell Township.

MONTHLY DIVISIONAL REPORT

Month of September 1960

Division: Maintenance and Operations

Bureau: Maintenance

PERMITS SECTION

Total of 275 applications processed, including 152 for road openings, 27 for erection of poles, 72 for entrances, and 24 for miscellaneous projects. The encroachment program has been tentatively held up for a month or two in order that our plans for action may become consolidated. Mr. McCormack does have the matter under consideration and within a month or six weeks, further action will be taken on encroachments on Route 69.

SIGNS AND LINES SECTION

Erected new type green directionary signs on 1 and 9 Truck Route, from Newark to Jersey City; Route 22, from Phillipsburg to Route 24, and Route 202, from Lambertville to Ringoes, and all types of signs on Route 4 at Jones Road, Englewood; Route 10 at Jefferson Road and Mt. Pleasant Avenue in Hanover; Route 38 at Mill Road Jughandle in Maple Shade; Route 46 at Crooks Avenue, Clifton; Route 130 at Jughandle at Dukes Ferry Road in Delanco and Chester Avenue in vicinity of Bridgeboro, and on Route 208 at Goffle Road, Hawthorne. Erected Service Connection Notices and passed out Notices Prior to Reconstruction in connection with construction projects on Route 10, from Livingston Circle to Teed Road, Livingston; FAI-287, from Bound Brook to Stelton Road, New Market, and FAI-78, from Bloomsbury to Pattenburg. Lombardi Striping Company completed all work under Contract No. 1 for painting white traffic lines, and James W. McCormick has completed approximately 60% of the work called for under Contract No. 2.

MAINTENANCE BUILDINGS AND STRUCTURES

Grading and landscape work under way at new yard on Route 130 at Edgewater Park; construction continued on new maintenance building on Route 130 at at Bridgeport and general construction is approximately 90% complete; contract work completed on installation of fence at five of the six maintenance yards; work completed on addition to maintenance building on Route 69 at Flemington and work started on interior rearrangement and addition of facilities; bids being reviewed for construction of main office emergency generator building; work completed on installation of new heating system at Hammonton Garage; design work initiated for new maintenance building on Route 66 in Ocean Township; continued investigations for acquisition of maintenance yard sites for Dover, Fort Lee and Singac.

MONTHLY DIVISIONAL REPORT

Month of August

1960

Division: Maintenance & Operations

Bureau: of Plant & Equipment

NEW EQUIPMENT

New equipment received during the month of August is as follows:

- 6 - Model 712, Good Roads Snow Plows
- 30 - " 121, " " " "
- 1 - Wald, Single Line Striper
- 1 - Ingersoll-Rand, Model J30A, Jack Hammer
- 16 - Hydro, Hydraulic Spreaders
- 3 - Ford, 1-ton Pickup Trucks, w/Canopy and Hydraulic Tailgates
- 3 - Ross, 12' Snow Side Wings
- 4 - Black & Decker, $\frac{1}{2}$ " Electric Drills

SNOW SECTION

The following operations were performed in this section: Cut and drilled "L" brackets, brace rods and other items for installing spreaders and plows on new trucks. Equipped 10 Model 180, International dump trucks and one Model 500, Dodge dump truck for Emergency Operations (Snow). Stripped 4 old trucks for trade-in. Repaired and painted 10 pushframes, 12 semi-circles and 16 snow plows. Repaired 5 trip springs, 50 hydraulic rams, 40 hydraulic pumps, 30 small axle clamps and 20 heavy axle clamps. Unloaded and assembled 36 new snow plows. Cleaned 9 radiators.

GENERAL REPAIR SHOPS

Safety lights, tail lights and driving lights were repaired and/or installed on 70 pieces of equipment. The Carburetor and Ignition Shop completed 101 operations. The Car and Truck Shop completed 31 major and minor operations. The Mower, Carpenter and Tin Shops completed a total of 59 major and minor operations. The Inspection Section was constantly active with regular and special assignments. The Machine Shop completed a total of 172 major and minor operations.

The following operations were completed on the road and in the shops: Equipment Operations Section, 48 major and minor operations; Heavy Equipment Shop, 17 major and minor operations; Diesel Shop, 50 major and minor operations.

BUILDING MAINTENANCE SECTION

Fernwood Service Station

Bldg. #1 - Water-proofed front of building.
Cleaned and serviced burner and controls

Classed and serviced burner and controls
Blkg. #1 - Water-cooled front of building.

MONTHLY REPORT

AUGUST, 1960

on second boiler. Replaced broken glass in front door and in Welding Shop. Removed and stored door and window screens. Painted boilers and boiler room.

Bldg. #11 - Commenced erection of gas house and boiler room.

Bldg. #20 - Removed and stored window and door screens.

Bldg. #18 - Cleaned boiler and tubes, also serviced boiler and controls, repaired compressor, repaired vacuum system on heater.

Bldg. #7 - Painted front overhead door.

Bldg. #5 - Scraped and painted with red lead.

Bldg. #21 - Cleaned boiler room after occurrence of fire. Installed portable steam jenny to operate Scotch-lite machine.

Bldg. #34 - Repaired door and replaced lock.

Avenel Garage

Repaired water cooler.

Branchville Garage

Commenced erection of extension for stock room, office and gas house. Checked and filled fire extinguisher.

Bloomsbury Field Office

Repaired burner and heater.

Bridgeport Maintenance Yard

Glazed windows and replaced 36 panes of glass.

Flemington Garage

Finished building extension, painted doors, windows and frames. Installed new heating unit wired same, in new building. Checked fire extinguisher and filled it.

Clinton Point Garage

Hung sign in front of building. Checked and filled fire extinguisher.

Hammonton Garage

Wired transformer on oil burner. Checked and filled fire extinguisher.

Checked and filled fire extinguishers in Dover, Netcong and Newark Garages.

Troy Village

Salvaged all pipe fittings, convectors and air conditioner sleeves.

CLAIMS

A total of \$1,103.23 was collected during the month on insurance claims.

August, 1950

on second boiler. Replaced broken glass in front door and in waiting shop. Re-moved and stored door and window screens. Painted boiler and boiler room.

Slide #11 - Completed erection of gas house and boiler room.

Slide #20 - Removed and stored window and

Slide #19 - Cleaned boiler and tubes, also serviced boiler and controls, repaired gas-pressor, repaired vacuum system on heater.

Slide #17 - Painted front overhead door.

Slide #15 - Replaced and painted with red lead.

Slide #14 - Cleaned boiler room after occur-rence of fire. Installed portable steam pump to operate Scotch-life machine.

Slide #13 - Repaired door and replaced lock.

Repaired water cooler.

Completed erection of extension for stock room, office and gas house. Checked and filled fire extinguisher.

Repaired burner and heater.

Glassed windows and replaced 36 panes of glass.

Replaced broken glass in front door and in waiting shop. Installed new heater and windows and frames. Checked fire extinguisher and filled it.

Ham sign in front of building. Checked and filled fire extinguisher.

Wired transformer on oil burner. Checked and filled fire extinguisher.

and filled fire extinguishers in Dover, Netcom and Newark garages.

Salvaged all pipe fittings, connectors and air conditioner sleeves.

MONTHLY DIVISIONAL REPORT

Month of September 1960

Division: Personnel

Bureau:

RECRUITMENT AND TRAINING

During the month of September the initial phase of the First Aid Instruction for Maintenance Bureau field employees was completed. A total of 16 training sessions were held at eight different locations throughout the State. In all, about 451 of these employees were subjected to 12 hours each of intensive first aid instruction. The training sessions were held under the auspices of the American Red Cross and instruction provided by Mr. George Rightmire, one of our Safety Inspectors who holds an Instructor's Certificate issued by the Red Cross.

The first session of the Radchem Instructors' Training Course to provide a nucleus of Department employees to conduct further courses in radiological monitoring was held on Friday, September 30, 1960. There are 71 Department employees scheduled to undergo this training, representing all divisions and bureaus of the Department. Instructors for this training have been provided by Dr. Marie Senna, of the State Health Department, in connection with the overall Civil Defense Program. Also participating in this training are representatives from the State Police Department and the United States Bureau of Public Roads.



IN REPLY PLEASE REFER TO

Monthly Report
Division of Planning,
Research, Soils
and Tests

State of New Jersey
STATE HIGHWAY DEPARTMENT
DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

October 4th
19 60

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this
Division for the Month of September 1960.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.,
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

A handwritten signature in cursive script, appearing to read "Howard N. Rigby".

Howard N. Rigby
Director and Chief Engineer
Division Planning, Research, Soils & Tests

MONTHLY DIVISIONAL REPORT

Month of **September** 1960Division: **Planning, Research, Soils and Tests**Bureau: **Planning and Traffic**HIGHWAY USE SURVEY SECTIONField

The regular programmed machine and manual counts were curtailed due to assignment of men and traffic counting machines to the Penn-Jersey Transportation Survey.

Office

Because of the diversion of qualified personnel to prepare schedules, etc., for special surveys, the normal functions of processing and reviewing field counts have been severely curtailed. We are still unable to start work on the 1959 traffic volume map for the same reason.

Special Surveys

Work continues on the Inventory of Urban Planning and the Penn-Jersey Transportation Survey.

Traffic Design and Research Section

During this period the major work items for this section were the estimation of traffic volumes for several proposed projects, including the Route 24 Freeway and the closing of island openings on Route 17; the review of the cross-street volume estimates for the 104(b)(5) study; the basic analytical research into traffic signal synchronization.

HIGHWAY TRAFFIC OPERATIONS SECTION

During this period, the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, retiming and operation of traffic signals; has received and processed miscellaneous traffic investigations; and has checked the timing and operations of signalized intersections.

TRAFFIC SAFETY, CONTROL AND REGULATION SECTION

The assignments under way in this section consisted of radar speed meter surveys for speed zone studies, laying out and processing "no parking" regulations; making traffic investigations and parking studies, preparing and processing other traffic regulations and coordinating departmental review of riparian rights.

HIGHWAY PLANNING SURVEY SECTIONRoad Inventory

Field work has been suspended due to lack of personnel. Reassigned personnel to projects having a higher priority.

TRAFFIC ENGINEERING SECTION

The Traffic Engineering Section of the New Jersey Department of Transportation is organized as follows:

The Traffic Engineering Section is organized into three divisions: the Division of Planning and Design, the Division of Construction and Maintenance, and the Division of Traffic Control. The Division of Planning and Design is responsible for the study and design of traffic engineering projects. The Division of Construction and Maintenance is responsible for the construction and maintenance of traffic engineering facilities. The Division of Traffic Control is responsible for the operation and control of traffic engineering facilities.

Division of Planning and Design

The Division of Planning and Design is responsible for the study and design of traffic engineering projects. It is organized into three sections: the Section of Planning, the Section of Design, and the Section of Research.

Section of Planning

The Section of Planning is responsible for the study and design of traffic engineering projects. It is organized into three sections: the Section of Planning, the Section of Design, and the Section of Research. The Section of Planning is responsible for the study and design of traffic engineering projects. The Section of Design is responsible for the design of traffic engineering facilities. The Section of Research is responsible for the research and development of traffic engineering facilities.

Section of Design

The Section of Design is responsible for the design of traffic engineering facilities. It is organized into three sections: the Section of Design, the Section of Construction, and the Section of Maintenance. The Section of Design is responsible for the design of traffic engineering facilities. The Section of Construction is responsible for the construction of traffic engineering facilities. The Section of Maintenance is responsible for the maintenance of traffic engineering facilities.

Section of Research

The Section of Research is responsible for the research and development of traffic engineering facilities. It is organized into three sections: the Section of Research, the Section of Design, and the Section of Construction. The Section of Research is responsible for the research and development of traffic engineering facilities. The Section of Design is responsible for the design of traffic engineering facilities. The Section of Construction is responsible for the construction of traffic engineering facilities.

Division of Construction and Maintenance

Section of Construction

The Section of Construction is responsible for the construction of traffic engineering facilities. It is organized into three sections: the Section of Construction, the Section of Design, and the Section of Maintenance. The Section of Construction is responsible for the construction of traffic engineering facilities. The Section of Design is responsible for the design of traffic engineering facilities. The Section of Maintenance is responsible for the maintenance of traffic engineering facilities.

MONTHLY DIVISIONAL REPORT

Month of September, 1960

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

Road Life Studies

Posting and coding of the 1958 and 1959 contracts is now under way. Eighty per cent of the 1958 work is complete and about forty per cent of the 1959 work has been posted.

Mapping

The General Highway Series Base Maps are being revised and urban area maps are being prepared by our drafting section.

Auditing and Accounting.

Local Road Finance data is being collected for the 1959 Report. Sixty per cent of this field work has been completed.

PENN-JERSEY TRANSPORTATION STUDY

Field Work-External Survey

The origin and destination portion of this study on the external cordon line in New Jersey was completed during this period.

Three field offices are in operation. Under the supervision of two District Chiefs, home interviews are underway. The District Chief in the third office is supervising the Truck and Taxi Survey. This Survey is based on samples selected from the files of the Division of Motor Vehicles.

Committee Meetings.

September 16, 1960, Policy Committee, attended by Mr. Hartmann and Mr. Berberich of the State Highway Department and Mr. Beschenbossel and Mr. Schmitt of the Bureau of Public Roads.

September 23, 1960, Technical Committee, attended by Mr. Berberich and Mr. Severns of the State Highway Department and Mr. Schmitt of Bureau of Public Roads.

LOADOMETER

The Loadometer Tables for 1959 were submitted to the Bureau of Public Roads.

The field work for the 1960 Loadometer Study was completed during this period. The data turned in by the field parties is now being coded.

TITLE 23, SECTION 104(b)(5) INTERSTATE COST ESTIMATES

Cost Estimates.

The reproduction of the final report was printed and bound by the Printing Section of the State Treasury Department. The Bureau received the finished reports and distributed copies to State Highway personnel and to the Bureau of Public Roads.

Washington, D.C. 20530

February 1, 1960

Dear Sir:

Reference is made to your letter of January 28, 1960, regarding the matter of the proposed amendment to the Federal Highway Act of 1956.

Enclosed

are two copies of the proposed amendment to the Federal Highway Act of 1956, as amended, which you requested.

Very truly yours,

John Edgar Hoover, Director, Federal Bureau of Investigation

Enclosure

Very truly yours,

The proposed amendment to the Federal Highway Act of 1956, as amended, was completed during this period.

The proposed amendment to the Federal Highway Act of 1956, as amended, was completed during this period. The proposed amendment to the Federal Highway Act of 1956, as amended, was completed during this period.

Very truly yours,

Enclosed for the Department of Justice are two copies of the proposed amendment to the Federal Highway Act of 1956, as amended, which you requested.

Very truly yours,

Enclosure

The proposed amendment to the Federal Highway Act of 1956, as amended, was completed during this period. The proposed amendment to the Federal Highway Act of 1956, as amended, was completed during this period.

Very truly yours,

Very truly yours,

The proposed amendment to the Federal Highway Act of 1956, as amended, was completed during this period. The proposed amendment to the Federal Highway Act of 1956, as amended, was completed during this period.

MONTHLY DIVISIONAL REPORT

Month of September 1960

Division: Planning, Research, Soils and Tests

Bureau: Planning and Traffic

ADDITIONAL STUDIES

Northeastern New Jersey Transportation Study

The development of a general outline of study had been completed and presented for review to Mr. Fritzsche and the Trenton Office of the Bureau of Public Roads. This initial review was supplemented by a conference in Washington at which further review by the Washington office representative was made. The outline will now be presented in its final form for formal approval.

Newark Area Study

Conferences have been held with the Consulting Engineers for the purpose of reviewing some preliminary route locations affecting the City of Newark. Application of trip data as developed from the Study has been applied in various study lines.

Section 210 Highway Needs Study

A revision of this study was requested by the Bureau of Public Roads to conform with the 104(b)(5) Study. This Section 210 study was completed and preliminary copies were sent to the Bureau. The final finished copy is being typed.

MEMORANDUM

TO THE DIRECTOR, FBI

The results of a general outline of study had been completed and presented for review to Mr. Tolson and the Bureau of Public Health. This initial review was followed by a conference in Washington at which further review by the Bureau of Public Health was made. The outline will now be submitted to the Bureau of Public Health for final review.

The results of the study will be submitted to the Bureau of Public Health for review. The results of the study will be submitted to the Bureau of Public Health for review. The results of the study will be submitted to the Bureau of Public Health for review.

The results of the study will be submitted to the Bureau of Public Health for review. The results of the study will be submitted to the Bureau of Public Health for review. The results of the study will be submitted to the Bureau of Public Health for review.

MONTHLY DIVISIONAL REPORT

Month of September 19 60

Division: Planning, Research, Soils, and Tests

Bureau: Engineering Research

PAVEMENTS

Spent considerable time in connection with an investigation of the rutting of the bituminous pavement, constructed 1958-59, on Route 73, between Route 130 and the Palmyra Bridge. This pavement involves a 3-inch FA-BC-2 surfacing and a 6-inch bituminous-stabilized gravel base. The primary objectives are (a) to determine the extent to which the bituminous-stabilized gravel base has been responsible for the rutting, and (b) to determine whether this type of base has sufficient stability to be used on routes which will be subjected to heavy truck traffic. The work has involved taking numerous cross-sections, and obtaining numerous cores. Subject to the results of further investigations, which are in progress, the indications are that the base has contributed substantially to the rutting. Therefore, the advisability of using bituminous-stabilized gravel base courses on heavy-trucking routes is tentatively open to question.

In collaboration with Soils Bureau, made investigation of existing pavement on Main Street, Bradley Beach, and reported verbally on same--this being in connection with proposed widening.

As continuing study, took gauge-plug measurements at experimental joints on (a) Route 42 Freeway, and (b) Route 130, Yardville to Robbinsville.

BRIDGES

As continuing study, took measurements on the following bridges: (a) Raccoon Creek, Route 130, (b) Inland Waterway, Route 88, (c) Inland Waterway, Lovelandtown, (d) Shark River, Route 35, (e) Shark River, Route 71, and (f) Manasquan River, Route 35. Also installed additional measuring points in Cooper River Bridge, Camden.

MISCELLANEOUS

Reviewed "AASHTO Recommended Guide for Design of Rigid Pavements" and submitted written comments thereon.

Arranged for experimental installation of Fiberglas in bituminous resurfacing on Route 20, Paterson

Prepared report on Slip-Form Paver, for Bureau of Public Roads.

Conferred with representative of U.S. Steel Corp., relative to possible use of tubular dowels.

Conferred with representative of Stanford Research Institute regarding our procedures in the design of pavements.

Made field survey to select potential locations for experimental application of "Albitol"--a material proposed for repairing sealed and/or damaged concrete.

Representative of Bureau spent two weeks with trainees assigned to the Bureau.

MONTHLY DIVISIONAL REPORT

Month of September

19 60

Planning, Research,

Division: Soils and Tests

Bureau: Soils and Subdrainage

Engineering

F.A.I. Route 95, Section 1E

Due to the press of time, it would not have been possible to adhere to the planned schedule of completion dates for construction of F.A.I. Route 95 if the area between Station 1202 and Grand Avenue on Section 1E were built as originally designed. The original design called for an embankment over the compressible material. The settlement was to be expedited by sand drains and a surcharge left in place for approximately one year.

A meeting between Messrs. Fritzsche, Gerard, Jensen, Houghton and Rosser from the New Jersey State Highway Department and Mr. Dyckman from the consultant firm of Parsons, Brinckerhoff, Quade and Douglass, the designers of the project, was held in order to solve the problem. It was decided to viaduct the above 700' long area in order to avoid the one year consolidation time. Although it is a relatively more expensive method of treatment, some money will be saved on right-of-way costs. An apartment development originally to be acquired can now remain undisturbed.

F.A.I. Route 295, Section 1C

On September 8 the dredge "Queen" stopped pumping out the refill material which did not meet State specifications for Zone 2. Samples taken periodically of the discharged material in the waste area confirmed the State's position that none of the material met specification requirements. It is our understanding that excavation was carried to an average of 35' below low water. This leaves a triangular shaped pocket of the excavation from 10' to 15' deep. No problem in stability is foreseen as a result. It is expected that the ultimate settlement will be minor and will probably take place during the construction of the overlying embankment.

The 10" dredge "Count" began refilling the shallow end of the excavation while the "Queen" was still redredging. This material is being pumped from a basin which is being supplied with upland borrow excavation of good quality. On September 16 the 16" "Queen" took over the refilling operation. It is estimated that 75,000 yards have now been placed. Daily samples taken from the surface of the fill show the material to be of excellent quality. The pans and dozers delivering the fill to the dredging basin are presently unable to match the capacity of the "Queen" with the result that pumping is not proceeding on the usual 24 hour basis.

F.A.I. Route 95, Section 1A

A meeting was held in the Newark office between representatives of the Soils Bureau and the Construction Division in order to familiarize everyone concerned with the general theory of consolidation by sand drains and to agree upon the responsibilities to be assumed by each person concerned with the project whether assigned to the Construction Division or to the Soils Bureau.

The meeting was attended by Messers. Corson, Rice and Strait as well as the inspectors assigned to the project. Mr. J. Kabinski of the Bureau of Public Roads was also present.

In addition to covering a lengthy agenda, a considerable number of questions were posed and discussed concerning actual construction practice in the field. It is felt that clearing the air beforehand and having everyone know what to expect will lessen the confusion during construction.

MONTHLY DIVISIONAL REPORT

Month of September 1960

Division: Planning, Research, Soils & Tests

Bureau: Testing and Materials

NEW MATERIALS

The two-component Epoxy Resin Compound produced by the Magna Bond Products, Inc., was further tested for its anti-slip protection by applying it to the concrete steps of the Laboratory building, and covering with Carborundum Grits #16. These larger size grits appeared to give a higher degree of protection. Tests were completed on a Plastic Waterstop produced by the William Brand Co. Special tie bolts were tested for the Research Bureau and "Trafficones" for the Bureau of Purchase & Stores. Investigation of plastic-lined cylinder molds for concrete was completed.

MATERIALS' DEVELOPMENT

A series of Marshall tests and recoveries of asphalt is being conducted for a project. Asphalt Cement (one with and one without additives) was recovered from sand asphalt pavement samples taken from Route 29, Maintenance. Quality tests were started on sands and gravels from two producers. Laboratory Investigation of Strocchio White Curb Reflector Cement continues. Plaques for various curing intervals were made to test bond both of troweled and sprayed mortar.

PERFORMANCE TESTING AND INSPECTION

The Third Monthly Evaluation of Experimental Traffic Paint Test Lines was made on Route U.S. 130, east of Robbinsville. The second cycle (each cycle equivalent to one year exposure outdoors) of the Accelerated Weathering Test performed in the Atlas Twin-Arc Weather-Ometer is in progress on the following: Paints, Paint Primers, Cromit, etc. A sample of ice control material, known as X-73, manufactured by The Monroe Co., Inc., Cleveland, Ohio, was tested to determine its suitability as a de-icing agent for melting ice and snow on concrete and bituminous roads, bridges, etc. Monthly evaluations made to determine the road performance of New Jersey Type III White Traffic Paint applied at various locations. On Route U.S. 40, Type III and Type II were applied side by side for comparison purposes. The road performance of Thermo-Plastic Lines is being determined by monthly evaluations. A Palmer Dial Thermometer used on a Maintenance Division paver was calibrated for accuracy and time required to come to temperature. Inspection of Penetration Shoulder samples cut from Route 101 (U.S. 80) Sec. 2-C made by Bureau of Public Roads, contractor and Department representatives. Inspection made of a new source of Quarry Stone and two Stone Quarries reinvestigated to check previous classification. Inspection made on one project prior to the release of the Maintenance Bond. Examination of Tar Emulsion and Asphalt Emulsion Slurry Seal coats applied to Princeton Boro Streets. Cores were cut from Route S-41 (U.S. 73) Sec. 1-D to investigate rutting of bituminous concrete pavement.

MEETINGS

Laboratory represented at AASHO Committee on Materials meeting in Washington, D.C.

SAMPLES RECEIVED

During this month, 3078 samples were received for test as compared with 3229 samples received for the corresponding month of 1959.

MONTHLY DIVISIONAL REPORT

Month of September 19 60

Division: Right of Way Acquisitions & Titles

Bureau: Legal

I. STATISTICAL

Papers drawn in September

Condemnation

Complaints - 8
Orders to Show Cause - 8
Orders of Continuance - 1
Orders Amending Complaint - 1
Orders for Judgment and Appointing Commissioners - 18
Amended Orders for Judgment and Appointing Commissioners - 1
Orders Substituting Commissioners - 1
Orders Extending Time For Filing Report of Commissioners - 29
Reports of Commissioners - 8
Orders Granting Compensation To Commissioners - 14
Orders of Dismissal - 6
Orders on Appeal - 8
Notices of Appeal - 7
Orders To Pay Condemnation Awards Into Court - 2
Petitions to Pay Condemnation Awards Into Court - 1
Notice To Pay Condemnation Award Into Court - 1
Judgments - 2

MISCELLANEOUS

Dismissal As To Defendant State of New Jersey - 1
Complaints (Suits for Possession) - 2
Answer of Defendant (Civil Suit against State Employee) - 1
Notice of Motion (Drainage Easement) - 1

Number of Deeds Approved - 71
Number of Titles Approved - 86

Court Appearances - 52

II. GENERAL ACTIVITIES

Court appearances appointment of condemnation commissioners; various motions; hearings before condemnation commissioners; trials; preparation for court appearances; preparing legal briefs and memoranda; conferences in re same; conferences with various Deputy Attorneys General.

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving, disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.

WJM/mmd

MONTHLY DIVISIONAL REPORT

Month of Sept.

1960.

Division: Right of Way Acquisition & Titles

Bureau: Title

TITLE SEARCHING

81 searches and 106 continuation searches were completed throughout the State.

TITLE EXAMINING

53 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

60 Legal Instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

86 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

82 final settlements were made with property owners.

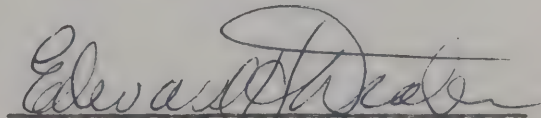
CONDEMNATIONS

23 Title Memorandums were prepared and forwarded to the Department of Law. 62 condemnation notices were served.

TITLE COMPANIES

16 deeds were delivered through the offices of title companies.

16 checks were delivered to title companies with instructions for settlement with the owners.


Edward H. Drake
Title Officer

MONTHLY DIVISIONAL REPORT

Month of SEPTEMBER 1960

Division: Roads, Design & Construction

Bureau: Location & Design

FEDERAL AID

Programming of N.J.E-1-78(5)2 from Shunpike Rd. to Main St.(R/W);
I-287-1(4) from U.S. 1 to Stelton Rd. (R/W)

OFFICE ENGINEER

Processing Plans and Specifications for Route 17, Sec. 3A & 5A, Ridgewood Avenue Interchange; Route 22, Section 10A, Mountain Avenue Overpass; Route 22, Section 13B, Meisal Ave. to Michigan Ave.; Route 22, Section 14B, Liberty Avenue Viaduct; Route 36 Section 5A, Traffic Circle to Oceanport Ave., Dualization; Route 54, Sections 1A, 2A & 3A, P.R.S.L.R.R. to Route US 40, Reconstruction; Route 80, Section 5G, Hackensack River Bridge Substructure; Route 95, Section 1G, Route 4 to Fletcher Avenue; Route 130 Sections 7B & 10B, Airport Circle to Salem Road, Barrier Curb, Jug Handles, Resurfacing, Bridges; Route 208, Section 2B, Copley Road to Haddonfield-K resson Road.

INTERSTATE

I-80-1 Studies 70% complete, ready for preliminary review;
I-80-2L - Landing to Netcong - advertised for bids;
I-80, Sec. 3 - Wayne to Denville - Photogrammetrics 95% complete, final design of project underway; I-287 - Boonton - completion of two contract projects progressing for early advertising under 1960-61 Program; I-78, Sec. 5 - preliminary plans Berkeley Heights to Springfield reviewed by Bureau Public Roads, final design getting underway, R/W programmed; I-78 - Pluckemin to Berkeley Heights - Deleuw, Cather & Brill studying plan to limit contracts to \$5 million or less; I-287 - between Stelton Road and Route 1 being prepared for letting as soon as 16'-3" clearance at structures can be revised; I-295 - Deepwater to Route 130 - alignment and interchange studies submitted by Sherman, Taylor & Sleeper, being reviewed by the Department.

MISCELLANEOUS

Route 3, Sec. 2 - Secaucus - additional studies made, height of bridge-river clearance still under discussion by Bureau Public Roads; Rt. 7 - Belleville Turnpike - plans completed and delivered for processing; Rt. 7 - Washington Ave. Belleville - plans completed and delivered for processing; Rt. 10 - Livingston - bids received for project; Rt. 24 - Morristown to Springfield - working on design to produce R/W maps, early acquisition; part of 1960-61 Program; Rt. 27 - Linden to Rahway (1960-61 Program) surveys started for this project.

MONTHLY DIVISIONAL REPORT

Month of September

19 60

Division: Design & Construction

Bureau: Road Construction

PERCENTAGE COMPLETE
 Sept. 1st. Oct. 1st. 60

ROUTE	SECTION	LOCATION	Sept. 1st.	Oct. 1st. 60
U.S. 1	6-A	Route U.S. 130 to College Farm Road	62%	81%
1 & 9	1 & 2	Ramp Revisions, Grading, Paving & Bridges, Newark	87%	88%
1 & 9	1B & 16A	Overpeck Creek to Jones Road, Barrier Curb		39%
1 & 9	6A & 7A	Tonnale Ave. Traffic Circle to Fairview Avenue	48%	52%
1 & 9	8A	From Wilt Avenue to DeGroot Avenue, Drainage	40%	68%
9	4A & 25A)			
1	8A)	Intersection Revision at Ernston Rd. & Conn. to Rt. 34	95%	95%
4	3-A	Lafayette Avenue to 1000' South of Kenwood St. Barrier Curb	66%	92%
U.S. 9	2	Cape May Canal Bridge and Approaches	98%	99%
9	25-B	Improvements at Grove Avenue	80%	93%
10	3-A	Newark & Mt. Pleasant Turnpike to Route 53	82%	91%
10	4-A	Livingston Traffic Circle to Whippany Troy Hills Road	76%	84%
12	1-A	Baptistown Pavement Reconstruction	57%	74%
18	2	Clifton Avenue to New Jersey Turnpike	86%	89%
18	5	From 800' E. Spring Valley Road to Route U.S. 9	84%	85%
20	4-A	South Drive to Broadway, Paving & Bridges	28%	74%
21	1-B	Roosevelt Avenue to Highfield Lane	96%	94%
21	1-C	From Highfield Lane to So. Parkway, Grading, Paving & Br.	54%	62%
U.S. 22	1-A	Intersection Revision at Roseberry St. Phillipsburg	30%	60%
22	13A & 14A	Pedestrian Overpasses	77%	87%
23	1A & 2A	Claremont Avenue to Route U.S. 46		4%
28	1A & 7A	Colidge Place to Bridge St. R.R. Bridge Reconstruction	8%	39%
29	15-A)	Wilburtha Road to Scudders Falls		
129	1-A)	Delaware River Bridge to Scotch Road	61%	64%
30	14-A	From Eleventh St. to Kaighn Ave. Overpass & Resurfacing	93%	100%
35	6A & 4A	From 1500' So. of Eatontown Traffic Circle, Widening	19%	35%
35	12-B	From Smith St. to New Jersey Turnpike, Widening & Resurf.	75%	85%
38	1A & 2A	From Church Road to Marter Avenue, Dualization	88%	96%
69	5-A	From Back Brook to Rocktown, Pavement Widening & Resurf.	7%	11%
73	2-A	So. Branch Pennsauken Creek to Route 38	46%	58%
U.S. 78	2-E	Central R.R. of N. J. to Mulhockaway Creek	96%	98%
80	2-K	Delineator and Delineator Posts		94%
80	2-E	Route U.S. 46 to Landing St. Bridge & Incidental Paving	73%	83%
80	2-H	Landing Road Interchange to Howard Blvd., Grading & Paving	24%	35%
80	4-A	Bridge over Relocated Route 20	93%	97%
80-S	1 &)	U.S. 130 to Browning Road & Route 80-S Interchange to		
295	2-G)	Copley Road	76%	83%
82	1-A	L.V.R.R. Bridge & Pavement Reconstruction	38%	63%
95	1-A	Teaneck Creek to Northern R.R. of N. J.		0.2%
95	1-C	From Teaneck R.R. to Teaneck Creek		3.9%
95	1-D	Overpass Bridges at Broad Avenue and Grand Avenue Etc.	2%	12%
130	7A & 8B	From Interchange at Route 73 Township of Pennsauken	30%	44%
130	8A & 9A	From Coopertown Road to Ginnaminson Avenue	85%	90%
169	1	Constable Hook to Point Breeze	65%	70%
202	7-A Etc.	From Flemington Circle to So. Br. Raritan River, Planting		8%
202	8-A	Dualization So. Br. Raritan River to Beechwood Drive	7%	13%
208	2-A Etc.	Interchanges Borough of Franklin Lakes	54%	68%
208	3-A	Maple Avenue to Goffle Road, Pedestrian Overpass	88%	90%
287	1-B	Interchange to Viaduct at Lehigh Valley Railroad	54%	62%
287	1C & 2B	Weston Canal Road to River Road Interchange	71%	84%
295	1-C	Browning Lane to Broadway, Grading, Paving & Bridges	70%	72%
295	1-D	Rt. 47 to Rt. U.S. 130, Grading, Paving and Bridges	69%	78%

MONTHLY DIVISIONAL REPORT

Month of September 19 60

Division: Design & Construction

Bureau: Road Construction

ROUTE	SECTION	LOCATION	PERCENTAGE COMPLETED	
			Sept. 1st.	Oct. 1st. 60
322	1	Weymouth Road to Route 50, Dualization	94%	97%
440	2-A	Clendenny Ave., to Danforth Avenue, Pavement Widening		1.7%
		N. J. State Teachers College at Union, Contract #2	94%	94%

CONTRACTS AWARDED IN SEPTEMBER

Route 17, Section 5B & 6A - Center Island Closing and Channelization. Awarded to Sowerbutt Asphalt, Inc. on September 7, 1960.

Route 95, Section 1-A - Sand Drains - Awarded to Geo. M. Brewster & Son, Inc. on September 7, 1960.

Route 322, Section 3-A - From Eighth Street to Weymouth Road, Widening. Awarded to South Jersey Construction Company on September 2, 1960.

Route 287, Section 2-C, from East of River Road Interchange to Stelton Road. Awarded to Poirier and McLane Corp. on September 22, 1960.

Route 10, Section 4B & 5A - Grading, Paving & Resurfacing - Livingston Circle to Teed Road, Awarded to P. T. & L. Construction Co., Inc. on September 29, 1960.

Route 80, Section 4-B - Demolition of Buildings. Awarded to Gibraltar Wrecking & Supply on September 29, 1960.

CONTRACTS ACCEPTED IN SEPTEMBER

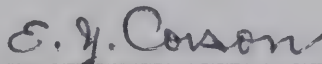
Route U.S. 611, Section 1A - Slope Excavation, Delaware Water Gap. Accepted September 13, 1960.

Route 4 Parkway, Section 9N - Ramp and Deceleration Lanes at Chestnut Street. Accepted September 13, 1960.

Palisades Interstate Parkway, Section IV - Demolition of Buildings. Accepted September 20, 1960.

GENERAL NOTES

As of October 1, 1960, there were 57 projects underway, valued at \$91,607,800. and being inspected by 187 men.


 E. Y. Corson
 Supervising Engineer, Bureau of Road Construction

MONTHLY DIVISIONAL REPORT

Month of September

19 60

Division: State Aid

Bureau:

GENERAL

Hurricane on September 12th has delayed State Aid work throughout State by about a week.

COUNTIES

Counties have completed most of their planned annual maintenance programs. Maintenance forces now working on improvement projects. 21 items requiring office processing were received; processing has been completed during the month on 23 items.

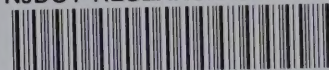
MUNICIPALITIES

Municipalities are rapidly completing their maintenance and repair programs. Construction activity increased after Labor Day as projects in resort areas started up. 426 items requiring office processing were received. Processing was completed on 234 items. Final inspections were made on 45 completed municipal construction projects.

PERSONNEL

Projects inspectors had multiple assignments during period and will continue to do so for the next month or six weeks. This situation will be improved in near future by promulgation of Civil Service lists.

NJDOT RESEARCH LIBRARY



3 4310 00011 6668

